

Raf-B (phospho Ser602) Polyclonal Antibody

Catalog # AP67648

Product Information

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|-------------------|------------------------|
| Application | WB, IHC-P, IF, ICC, E |
| Primary Accession | P15056 |
| Reactivity | Human, Mouse, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 84437 |

Additional Information

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| Gene ID | 673 |
| Other Names | BRAF; BRAF1; RAFB1; Serine/threonine-protein kinase B-raf; Proto-oncogene B-Raf; p94; v-Raf murine sarcoma viral oncogene homolog B1 |
| Dilution | WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A |
| Format | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| Storage Conditions | -20°C |

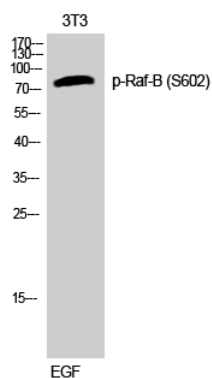
Protein Information

| | |
|-------------------|--|
| Name | BRAF (HGNC:1097) |
| Synonyms | BRAF1, RAFB1 |
| Function | Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus (Probable). Phosphorylates MAP2K1, and thereby activates the MAP kinase signal transduction pathway (PubMed: 21441910 , PubMed: 29433126). Phosphorylates PFKFB2 (PubMed: 36402789). May play a role in the postsynaptic responses of hippocampal neurons (PubMed: 1508179). |
| Cellular Location | Nucleus. Cytoplasm. Cell membrane. Note=Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes. |
| Tissue Location | Brain and testis. |

Background

Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway.

Images



Western Blot analysis of 3T3 cells using Phospho-Raf-B (S602) Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.